

CLAIMS

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1. A printer user interface comprising:
    - a display for displaying information, including messages to a user;
    - 5 an input device for enabling the user to respond to the displayed messages;
    - an interface to a detachable memory device including at least one image file; and
    - a processor coupled to said input device, said display, and to said interface, said processor responsive to a first user input to print a thumbnail of said at least one image file in the same orientation in which said image file was acquired by utilizing stored orientation information.
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  - 15 2. The user interface of claim 1, wherein said at least one image file is a plurality of image files forming a set of image files, and said processor is further responsive to a second user input to print an index page of thumbnails of a selected subset of said plurality of image files.
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  3. The user interface of claim 1, wherein said processor is further responsive to a third user input, specifying a number of thumbnails to be printed for each of said at least one image file.
  - 25 4. The user interface of claim 1, wherein said at least one image file is assigned a unique identification in said detachable memory device, and

wherein said thumbnail is printed with said unique identification.

5. The user interface of claim 4, wherein said at least one image file is assigned an image number and a date in said detachable memory device, and said thumbnail is printed with said image number and date.

6. The user interface of claim 5, wherein said unique identification, said image number, and said date are printed outside of a border of said thumbnail.

7. The user interface of claim 1, wherein a printed size of said thumbnail is determined by a size of a sheet on which said thumbnail is to be printed.

8. A printer comprising:

a user interface further comprising:

a display for displaying information, including messages to a user;

an input device for enabling the user to respond to the displayed messages;

an interface to a detachable memory device including at least one image file; and

a processor coupled to said input device, said display, and to said interface, said processor responsive to a first user input to print a thumbnail of said at least one image file in the same orientation in which said image file was acquired by utilizing stored orientation information.

9. The printer of claim 8, wherein said at least one image file is a plurality of image files forming a set of image files, and said processor is further responsive to a second user input to print an index  
5 page of thumbnails of a selected subset of said plurality of image files.

10. The printer of claim 8, wherein said processor is further responsive to a third user input, specifying a number of thumbnails to be printed for  
10 each of said at least one image file.

11. The printer of claim 8, wherein said at least one image file is assigned a unique identification in said detachable memory device, and wherein said thumbnail is printed with said unique identification.

12. The printer of claim 11, wherein said at least one image file is assigned an image number and a date in said detachable memory device, and said thumbnail is printed with said image number and date.  
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13. The printer of claim 12, wherein said unique identification, said image number, and said date are  
20 printed outside of a border of said thumbnail.

14. The printer of claim 8, wherein a printed size of said thumbnail is determined by a size of a sheet on which said thumbnail is to be printed.

15. A method of printing images comprising the steps of:  
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acquiring at least one image in a digital file format; and

printing a thumbnail of said at least one image file in the same orientation in which the image file was acquired by utilizing stored orientation information.

5        16. The method of claim 15, wherein said at least one image file is a plurality of image files forming a set of image files, said method further comprising the step of printing an index page of thumbnails of a selected subset of said plurality of image files.

10        17. The method of claim 15, further comprising printing a specified number of thumbnails for each of said at least one image file.

15        18. The method of claim 15, wherein said at least one image file is assigned a unique identification, said method further comprising the step of printing said thumbnail with said unique identification.

20        19. The method of claim 18, wherein said at least one image file is assigned an image number and a date, said method further comprising the step of printing said thumbnail with said image number and date.

20. The method of claim 19, further comprising the step of printing said filename, said image number, and said date outside of a border of said thumbnail.

25        21. The method of claim 15, further comprising the step of determining a printed size of said thumbnail from a size of a sheet on which said thumbnail is to be printed.

22. A memory media, including instructions for  
controlling a user interface comprising a display for  
displaying information, including messages to a user,  
an input device for enabling the user to respond to the  
5 displayed messages, an interface to a detachable memory  
device including at least one image file, a processor  
coupled to said input device, said display, and to said  
interface, said memory media comprising:

means for controlling said processor to print a  
10 thumbnail of said at least one image file in the same  
orientation in which the image file was acquired by  
utilizing stored orientation information.

23. The memory media of claim 22, wherein said at  
least one image file is a plurality of image files  
15 forming a set of image files, and said memory media  
further comprises means for controlling said processor  
to print an index page of thumbnails of a selected  
subset of said plurality of image files.

24. The memory media of claim 22, further  
20 comprising means for controlling said processor to  
print a specified number of thumbnails for each of said  
at least one image file.

25. The memory media of claim 22, wherein said at  
least one image file is assigned a unique  
25 identification, said memory media further comprising  
means for controlling said processor to print said  
thumbnail with said unique identification.

26. The memory media of claim 25, wherein said at  
least one image file is assigned an image number and a

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date, said memory media further comprising means for  
controlling said processor to print said thumbnail with  
said image number and date.

27. The memory media of claim 26, further  
5 comprising means for controlling said processor to  
print said filename, image number, and date outside a  
border of said thumbnail.

28. The memory media of claim 22, further  
comprising means for controlling said processor to  
10 determine a printed size of said thumbnail from a size  
of a sheet on which said thumbnail is to be printed.